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Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 2

Complete if Known	
Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Art Unit	3671
Examiner Name	Thomas A. Beach
Attorney Docket Number	WEAT/0403

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature	/Thomas Beach/	Date Considered	11/23/2007
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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	10/618,093
		<i>Filing Date</i>	July 11, 2003
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		<i>Art Unit</i>	3671
		<i>Examiner Name</i>	Thomas A. Beach
		<i>Attorney Docket Number</i>	WEAT/0403
(Use as many sheets as necessary)			
Sheet	2	of	2

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Sheet

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of 27

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First Named Inventor

Boyle

Group Art Unit

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		Number-Kind Code <sup>2</sup> (if known)			
/TB/	A1	US-6742606 B2	06/01/2004	McCalfe, et al.	
	A2	US-6702040 B1	03/09/2004	Sensenig	
	A3	US-6668937	12/30/2003	Murray	
	A4	US6634430	10/21/2003	Dawson et al.	
	A5	US-6547017 B1	04/15/2003	Vail, III	
	A6	US-6543552 B1	04/08/2003	McCalfe, et al.	
	A7	US-6536993 B2	03/25/2003	Strong, et al.	
	A8	US-6457532 B1	10/01/2002	Simpson	
	A9	US-6263987 B1	07/24/2001	Vail, III	
	A10	US-6216533 B1	04/17/2001	Woloson, et al.	
	A11	US-6189616 B1	02/20/2001	Gano, et al.	
	A12	US-6186233 B1	02/13/2001	Brunet	
	A13	US-6155360	12/05/2000	McLeod	
	A14	US-6135208	10/24/2000	Gano, et al.	
	A15	US-6098717	08/08/2000	Bailey et al.	
	A16	US-6070671	06/06/2000	Cumming et al.	
	A17	US-6035953	03/14/2000	Rear	
/TB/	A18	US-6024169	02/15/2000	Haugen	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/TB/	B1	DE 3 213 464	10/13/1983	Reimer		
	B2	DE 4 133 802	10/22/1992	Andrejewski		
	B3	EP 0 235 105	09/02/1987	Kjell-Oue		
	B4	EP 0 265 344	04/27/1988	Legendre		
/TB/	B5	EP 0 462 618	12/27/1991	Karlsson		

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Sheet

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Boyle

Group Art Unit

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		Number-Kind Code <sup>2</sup> (if known)			
/TB/	A19	US-5887668	03/30/1999	Haugen et al.	
	A20	US-5887655	03/30/1999	Haugen, et al.	
	A21	US-5836409	11/17/1998	Vail,III	
	A22	US-5826651	10/27/1998	Lee, et al.	
	A23	US-5803666	09/08/1998	Keller	
	A24	US-5787978	08/04/1998	Carter, et al.	
	A25	US-5785132	07/28/1998	Richardson, et al.	
	A26	US-5717334	02/10/1998	Vail,III, et al.	
	A27	US-5706905	01/13/1998	Barr	
	A28	US-5615747	04/01/1997	Vail,III	
	A29	US-5575344	11/19/1996	Wireman	
	A30	US-5560440	10/01/1996	Tibbitts	
	A31	US-5553679	09/10/1996	Thorp	
	A32	US-5546317	10/10/1995	Hood, III, et al.	
	A33	US-5526880	06/18/1996	Jordan, Jr., et al.	
	A34	US-5520255	05/28/1996	Barr et al.	
	A35	US-5477925	12/26/1995	Trahan, et al.	
	A36	US-5458209	10/17/1995	Hayes, et al.	
	A37	US-5435400	07/25/1995	Smith	
/TB/	A38	US-5402856	04/04/1995	Warren, et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/TB/	B6	EP 0 554 568	08/11/1993	Tibbits, et al.		
/TB/	B7	EP 0 961 007	12/06/1999	Gano, et al.		
/TB/	B8	EP 1 006 260	06/07/2000	Fincher, et al.		
/TB/	B9	GB 2 335 217	09/15/1999	Desai		

Examiner

/Thomas Beach/

Date Considered

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Sheet

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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403

Submission Date

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		Number-Kind Code <sup>2</sup> (if known)			
/TB/	A39	US-5361859	11/08/1994	Tibbitts	
	A40	US-5322127	06/21/1991	McNair et al.	
	A41	US-5318122	06/07/1994	Murray, et al.	
	A42	US5181571	01/27/1993	Mueller	
	A43	US-5109924	05/05/1992	Jurgens, et al.	
	A44	US-5052483	10/01/1991	Hudson	
	A45	US-4904119	02/27/1990	Legendre, et al.	
	A46	US-4848469	07/18/1989	Baugh et al.	
	A47	US-4836299	06/06/1989	Bodine	
	A48	US-4825947	05/02/1989	Mikolajczyk	
	A49	US-4699224	10/13/1987	Burton	
	A50	US-4681158	07/21/1987	Pennison	
	A51	US-4620600	11/04/1986	Persson	
	A52	US-4604818	08/12/1996	Inoue	
	A53	US4595058	06/17/1986	Nations	
	A54	US-4515045	05/07/1985	Gnatchenko, et al.	
	A55	US-4489793	12/25/1984	Boren	
	A56	US-4483399	11/20/1984	Colgate	
/TB/	A57	US-4466498	08/21/1984	Bardwell	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/TB/	B10	GB 1 469 661	04/06/1977	Swobda, et al.		
/TB/	B11	GB 1 277 461	06/03/1972			
/TB/	B12	GB 1 448 304	09/02/1976			
/TB/	B13	GB 1 582 392	01/07/1981			

Examiner

/Thomas Beach/

Date Considered

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/TB/	A58	US-4446745	05/08/1994	Stone, et al.	
	A59	US-4396076	08/02/1983	Inoue	
	A60	US-4396077	09/12/1981	Radtke	
	A61	US-4274778	06/23/1981	Putnam, et al.	
	A62	US-4221269	09/09/1980	Hudson	
	A63	US-4189185	02/19/1980	Kammerer, Jr., et al.	
	A64	US-4186628	02/05/1990	Bonnice	
	A65	US-4100981	07/18/1978	Chaffin	
	A66	US-4083405	04/11/1978	Shirley	
	A67	US-3934660	01/27/1976	Nelson	
	A68	US-3901331	08/26/1975	Djurovic	
	A69	US-3785193	01/15/1974	Kinley et al.	
	A70	US-3700048	10/24/1972	Desmoulins	
	A71	US-3691624	09/19/1972	Kinley	
	A72	US-3669190	06/13/1972	Sizer et al.	
	A73	US-3624760	11/30/1971	Bodine	
	A74	US-3575245	04/20/1971	Cordary, et al.	
	A75	US-3489220	01/13/1970	Kinley	
/TB/	A76	US3387893	06/11/1968	Hoever	

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/TB/	B14	GB 2 053 088	02/04/1981	Gebhart		
	B15	GB 2 201 912	09/14/1988	Dinsdale		
	B16	GB 2 313 860	02/10/1997	Lee		
	B17	GB 2 320 270	06/17/1998	Armell, et al.		
/TB/	B18	GB 2 333 542	07/28/1999	Kirk		

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	A78	US-3191680	06/29/1965	Vincent	
	A79	US-3191677	06/29/1965	Kinley	
	A80	US-3169592	02/26/1965	Kammerer	
	A81	US-3102599	09/03/1963	Hillburn	
	A82	US-3087546	04/30/1963	Wooley	
	A83	US-2805043	09/03/1957	Williams	
	A84	US-2765146	10/02/1956	Williams	
	A85	US-2764329	09/25/1956	Hampton	
	A86	US-2743087	04/24/1956	Layne, et al.	
	A87	US-2663073	12/22/1953	Bieber et al.	
	A88	US-2641444	06/09/1953	Moon	
	A89	US-2627891	02/10/1953	Clark	
	A90	US-2499630	03/07/1950	Clark	
	A91	US-2324679	07/20/1943	Cox	
	A92	US-2295803	09/15/1940	O'Leary	
	A93	US-2216895	10/08/1940	Stokes	
/TB/	A94	US-2060352	11/11/1936	Stokes	

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/TB/	B19	GB 2 365 463	02/20/2002	Giancarlo		
	B20	GB 2 382 361	05/28/2003	Hewson, et al.		
	B21	GB 2 216 926	10/18/1989	Halold		
/TB/	B22	GB 2 348 223	09/27/2000	Cook, et al.		

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# SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Application Number

10/618,093

Filing Date

July 11, 2003

First Named Inventor

Boyle

Group Art Unit

3672

Examiner Name

Unknown

Attorney Docket Number

WEAT/0403

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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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	A97	US-1981525	11/20/1934	Price	
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/TB/	A119	US-3552508	01/05/1971	Brown	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
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## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/TB/	B27	USSR 112631	01/10/1956	Barshai, et al.		
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	B32	USSR 415346	03/03/1972	Barshai, et al.		
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	B50	WO 92/20899	11/26/1992	Ellis		
/TB/	B51	WO 93/24728	12/09/1993	Simpson		

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First Named Inventor

Boyle

Group Art Unit

3672

Examiner Name

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/TB/	B52	WO 95/10686	04/20/1995	Lorenz, et al.		
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	B54	WO 98/09053	03/05/1998	Murray, et al.		
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	B74					
	B75					
	B76					
	B77					
	B78					

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Date Considered

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Application Number

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July 11, 2003

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Boyle

Group Art Unit

3672

Examiner Name

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Submission Date

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/TB/	C1	HAHN, ET AL., "Simultaneous Drill and Case Technology - Case Histories, Status and Options for Further Development," Society of Petroleum Engineers, IADC/SPE Drilling Conference, New Orleans, LA Feb. 23-25, 2000 pp. 1-9.	
	C2	M.B. STONE and J. SMITH, "Expandable Tubulars and Casing Drilling are Options" Drilling Contractor, January/February 2002, pp. 52.	
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	C4	"First Success with Casing-Drilling" Word Oil, February (1999), pp. 25.	
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Sheet

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10/618,093

Filing Date

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Group Art Unit

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Examiner Name

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/TB/	C13	United States Patent Application 10/794,797, filed March 5, 2004 (WEAT/0371)	
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	C22		
	C23		
	C24		

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## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
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**U.S. Patent Documents**

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	A191	5,732,776	03-31-1998	Tubel et al.			
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Examiner /Thomas Beach/				Date Considered	05/15/2007		

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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403

Submission Date

November 2, 2004

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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403

Submission Date

November 2, 2004

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
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Examiner:	/Thomas Beach/			Date Considered	05/15/2007		

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First Named Inventor	Boyle
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**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
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Group Art Unit	3672
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First Named Inventor

Boyle

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Submission Date

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Examiner /Thomas Beach/				Date Considered	05/15/2007		

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Filing Date July 11, 2003

First Named Inventor Boyle

Group Art Unit 3672

Examiner Name Unknown

Attorney Docket Number WEAT/0403

Submission Date November 2, 2004

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Examiner /Thomas Beach/ Date Considered 05/15/2007

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Application Number

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First Named Inventor

Boyle

Group Art Unit

3672

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Unknown

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Submission Date

November 2, 2004

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
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Attorney Docket Number	WEAT/0403

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subcl ass	Filing Date If Appropriate
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Filing Date July 11, 2003

First Named Inventor Boyle

Group Art Unit 3672

Examiner Name Unknown

Attorney Docket Number WEAT/0403

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*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
/TB/	B74	WO 02/086287	10-31-2002	WIPO	E21B	47/01	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B75	WO 01/94739	12-13-2001	WIPO	E21B	7/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B76	WO 01/94738	12-13-2001	WIPO	E21B	7/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B77	WO 01/81708	11-01-2001	WIPO	E21B	10/32	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	B85	WO 00/11310	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B86	WO 00/11309	03-02-2000	WIPO	E21B	19/16	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	B90	GB 2 357 101	06-13-2001	UK	E21B	7/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Examiner	/Thomas Beach/				Date Considered	05/15/2007		

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Examiner	/Thomas Beach/	
	Date Considered	
	05/15/2007	

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**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 25

of 27

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403

Submission Date November 2, 2004

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Substitute for form 1449A/PTO				Application Number	10/618,093
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Filing Date	July 11, 2003
				First Named Inventor	Boyle
				Group Art Unit	3672
				Examiner Name	Unknown
				Attorney Docket Number	WEAT/0403
Sheet	26	of	27	Submission Date	November 2, 2004

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STATEMENT BY APPLICANT**

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**Sheet 27** of **27** **Submission Date** **November 2, 2004**

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*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
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Examiner	/Thomas Beach/	Date Considered 05/15/2007
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Application Number

10/618,093

Filing Date

July 11, 2003

First Named Inventor

John Boyle

Group Art Unit

3672

Examiner Name

Unknown

Attorney Docket Number

WEAT/0403

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 2

Submission Date

November 23, 2004

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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/TB/	A2	US-6,079,498	06-27-2000	Lima et al.	
/TB/	A3	US-3,602,302	08-31-1971	Kluth	
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	A5	US-			
	A6	US-			
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	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Number-Kind Code <sup>2</sup> (if known)				
/TB/	B1	WO 02/44601	06-06-2002	Appleford, et al.		
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	B4					
	B5					

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05/15/2007

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Substitute for form 1449B/PTO			Application Number	10/618,093	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	July 11, 2003	
(Use as many sheets as necessary)			First Named Inventor	John Boyle	
			Group Art Unit	3672	
			Examiner Name	Unknown	
			Attorney Docket Number	WEAT/0403	
Sheet	2	of	2	Submission Date	November 23, 2004

## **NON-PATENT LITERATURE DOCUMENTS**

**Examiner**

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 12

Application Number 10/618,093

Filing Date July 11, 2003

First Named Inventor John Boyle

Group Art Unit 3672

Examiner Name Unknown

Attorney Docket Number WEAT/0403

Customer No. 36735

Submission Date January 12, 2005

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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		Number-Kind Code <sup>2</sup> (if known)				
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/TB/	B5	EP 0 087 373	08-31-1983	Plaquin		

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/Thomas Beach/

Date Considered

11/24/2007

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	12	Submission Date	January 12, 2005
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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403
Customer No.	36735

### U.S. PATENT DOCUMENTS

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		Number-Kind Code <sup>2</sup> (if known)			
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		Number-Kind Code <sup>2</sup> (if known)				
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/TB/	B10	EP 0 525 247	02-03-1993	Willis		

Examiner	/Thomas Beach/	Date Considered	11/24/2007
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403
Customer No.	36735

Sheet 3 of 12 Submission Date January 12, 2005

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	A48	US-4,494,424	01-22-1985	Bates	
	A49	US-4,529,045	07-16-1985	Boyadjieff, et al.	
	A50	US-4,570,706	02-18-1986	Pugnet	
	A51	US-4,592,125	06-03-1986	Skene	
	A52	US-4,593,773	06-10-1986	Skeie	
	A53	US-4,605,268	08-12-1986	Meador	
/TB/	A54	US-4,625,796	12-02-1986	Boyadjieff	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Number-Kind Code <sup>2</sup> (if known)				
/TB/	B11	EP 0 589 823	03-03-1994	Busink, et al.		
	B12	EP 0 659 975	06-28-1995	Nagaoka, et al.		
	B13	EP 0 790 386	08-20-1997	Newton, et al.		
/TB/	B14	EP 0 881 354	04-24-1998	Vercaemmen, et al.		
/TB/	B15	EP 0 962 384	12-08-1999	Poldervaart		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 4

of 12

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403
Customer No.	36735

Submission Date

January 12, 2005

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/TB/	A55	US-4,646,827	03-03-1987	Cobb	
	A56	US-4,649,777	03-17-1987	Buck	
	A57	US-4,667,752	05-26-1987	Berry, et al.	
	A58	US-4,676,312	06-30-1987	Mosing, et al.	
	A59	US-4,683,962	08-04-1987	True	
	A60	US-4,691,587	09-08-1987	Farrand, et al.	
	A61	US-4,709,599	12-01-1987	Buck	
	A62	US-4,709,766	12-01-1987	Boyadjieff	
	A63	US-4,738,145	04-19-1988	Vincent, et al.	
	A64	US-4,742,876	05-10-1988	Barthelemy, et al.	
	A65	US-4,759,239	07-26-1988	Hamilton, et al.	
	A66	US-4,765,401	08-23-1988	Boyadjieff	
	A67	US-4,773,689	09-27-1988	Wolters	
	A68	US-4,775,009	10-04-1988	Wittrisch, et al.	
	A69	US-4,781,359	11-01-1988	Matus	
	A70	US-4,788,544	11-29-1988	Howard	
	A71	US-4,791,997	12-20-1988	Krasnov	
/TB/	A72	US-4,793,422	12-27-1988	Krasnov	

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		Number-Kind Code <sup>2</sup> (if known)				
/TB/	B16	EP 1 256 691	11-13-2002	Hawkins, et al.		
	B17	FR 2 841 293	12-26-2003	Bouygues Offshore		
	B18	GB 2 115 940	09-14-1983	Plaquin		
	B19	GB 2 224 481	09-05-1990	Voeten		
/TB/	B20	GB 2 275 486	04-15-1993	Elane, et al.		

Examiner /Thomas Beach/

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403
Customer No.	36735
Sheet	5
of	12
Submission Date	January 12, 2005

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/TB/	A73	US-4,800,968	01-31-1989	Shaw, et al.	
	A74	US-4,806,928	02-21-1989	Veneruso	
	A75	US-4,813,493	03-21-1989	Shaw, et al.	
	A76	US-4,836,064	06-06-1989	Slator	
	A77	US-4,867,236	09-19-1989	Haney, et al.	
	A78	US-4,878,546	11-07-1989	Shaw, et al.	
	A79	US-4,901,069	02-13-1990	Veneruso	
	A80	US-4,936,382	06-26-1990	Thomas	
	A81	US-4,962,579	10-16-1990	Moyer, et al.	
	A82	US-5,009,265	04-23-1991	Bailey, et al.	
	A83	US-5,036,927	08-06-1991	Willis	
	A84	US-5,141,063	08-25-1992	Quesenbury	
	A85	US-5,176,518	01-05-1993	Hordijk, et al.	
	A86	US-5,191,932	03-09-1993	Seefried, et al.	
	A87	US-5,224,540	07-06-1993	Streich, et al.	
	A88	US-5,233,742	08-10-1993	Gray, et al.	
	A89	US-5,245,265	09-14-1993	Clay	
/TB/	A90	US-5,251,709	10-12-1993	Richardson	

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		Number-Kind Code <sup>2</sup> (if known)				
/TB/	B21	GB 2 294 715	08-05-1996	Tibbits		
	B22	GB 2 349 401	11-01-2000	Roberts, et al.		
	B23	GB 2 352 747	07-02-2001	Davis, et al.		
	B24	GB 2 357 530	06-27-2001	Schulze-Beckinghausen		
/TB/	B25	GB 2 372 765	09-04-2002	Head		

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Date Considered

11/24/2007

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403
Customer No.	36735

Sheet

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Submission Date

January 12, 2005

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/TB/	A91	US-5,271,468	12-21-1993	Streich, et al.	
	A92	US-5,305,839	04-26-1994	Kalsi, et al.	
	A93	US-5,332,043	07-26-1994	Ferguson	
	A94	US-5,351,767	10-04-1994	Stogner, et al.	
	A95	US-5,388,651	02-14-1995	Berry	
	A96	US-5,394,823	03-07-1995	Lenze	
	A97	US-5,433,279	07-18-1995	Tassari, et al.	
	A98	US-5,494,122	02-27-1996	Larsen, et al.	
	A99	US-5,501,286	03-26-1996	Berry	
	A100	US-5,503,234	04-02-1996	Clanton	
	A111	US-5,540,279	07-30-1996	Branch, et al.	
	A112	US-5,542,472	08-06-1996	Pringle, et al.	
	A113	US-5,542,473	08-06-1996	Pringle, et al.	
	A114	US-5,553,672	09-10-1996	Smith, Jr., et al.	
	A115	US-5,577,566	11-26-1996	Albright, et al.	
	A116	US-5,645,131	07-08-1997	Trevisani	
	A117	US-5,706,894	01-13-1998	Hawkins, III	
/TB/	A118	US-5,791,410	08-11-1998	Castille, et al.	

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		Number-Kind Code <sup>2</sup> (if known)				
/TB/	B26	GB 709 365	05-19-1954	Standard Oil Development		
	B27	GB 716 761	10-13-1954	Standard Oil Development		
	B28	GB 881 358	11-01-1961	Kammerer, et al.		
	B29	GB 2 350 137	11-22-2000	Baugh, et al.		
/TB/	B30	RU 2 079 633	05-20-1997	Abdrakhmariov		

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Date Considered

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 7

of 12

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403
Customer No.	36735

Submission Date

January 12, 2005

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		Number-Kind Code <sup>2</sup> (if known)			
/TB/	A119	US-5,803,191	09-08-1998	Mackintosh	
	A120	US-5,813,456	09-29-1998	Milner, et al.	
	A121	US-5,836,395	11-17-1998	Budde	
	A122	US-5,839,515	11-24-1998	Yuan, et al.	
	A123	US-5,850,877	12-22-1998	Albright, et al.	
	A124	US-5,907,664	05-25-1999	Wang, et al.	
	A125	US-5,909,768	06-08-1999	Castille, et al.	
	A126	US-5,971,086	10-26-1999	Bee, et al.	
	A127	US-5,984,007	11-16-1999	Yuan, et al.	
	A128	US-5,988,273	11-23-1999	Monjure, et al.	
	A129	US-6,056,060	05-02-2000	Abrahamsen, et al.	
	A130	US-6,070,500	06-06-2000	Diask, et al.	
	A131	US-6,079,498	06-27-2000	Lima, et al.	
	A132	US-6,079,509	06-27-2000	Bee, et al.	
	A133	US-6,142,545	11-07-2000	Penman, et al.	
	A134	US-6,161,617	12-19-2000	Gjedebo	
	A135	US-6,173,777	01-16-2001	Mullins	
/TB/	A136	US-6,199,641	03-13-2001	Downie, et al.	

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		Number-Kind Code <sup>2</sup> (if known)				
/TB/	B31	WO 00/39429	07-06-2000	Pietras		
	B32	WO 00/39430	07-06-2000	Pietras		
	B33	WO 00/46484	08-10-2000	Van Buren, et al.		
	B34	WO 00/66879	11-09-2000	Hawkins, et al.		
/TB/	B35	WO 02/081863	10-17-2002	Simpson, et al.		

Examiner	/Thomas Beach/	Date Considered	11/24/2007
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 8

of 12

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403
Customer No.	36735

Submission Date

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/TB/	A137	US-6,223,823	05-01-2001	Head	
	A138	US-6,227,587	05-08-2001	Terral	
	A139	US-6,275,938	08-14-2001	Bond, et al.	
	A140	US-6,290,432	09-18-2001	Exley, et al.	
	A141	US-6,305,469	10-23-2001	Coenen, et al.	
	A142	US-6,309,002	10-30-2001	Bouligny	
	A143	US-6,349,764	02-26-2002	Adams, et al.	
	A144	US-6,360,633	03-26-2002	Pietras	
	A145	US-6,367,566	04-09-2002	Hill	
	A146	US-6,374,506	04-23-1993	Clay	
	A147	US-6,392,317	05-21-2002	Hall, et al.	
	A148	US-6,429,784	08-06-2002	Beique, et al.	
	A149	US-6,431,626	03-13-2002	Bouligny	
	A150	US-6,446,723	09-10-2002	Ramons, et al.	
	A151	US-6,622,796	09-23-2003	Pietras	
	A152	US-6,648,075	11-18-2003	Badrak, et al.	
	A153	US-6,688,394	02-10-2004	Ayling	
/TB/	A154	US-6,691,801	02-17-2004	Juhasz, et al.	

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		Number-Kind Code <sup>2</sup> (if known)				
/TB/	B36	WO 02/44601	06-06-2002	Appleford, et al.		
	B37	WO 03/087525	10-23-2003	Vincent, et al.		
	B38	WO 93/07358	04-15-1993	Eiane, et al.		
	B39	WO 96/18799	06-20-1996	Stokka		
/TB/	B40	WO 98/05844	02-12-1998	Stokka		

Examiner	/Thomas Beach/	Date Considered	11/24/2007
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PTO/SB/082 (08-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 9

of 12

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403
Customer No.	36735

Submission Date

January 12, 2005

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/TB/	A155	US-6,698,595	03-02-2004	Norell, et al.	
	A156	US-6,725,938	04-27-2004	Pietras	
	A157	US-6,742,596	06-01-2004	Haugen	
	A158	US-6,742,606	06-01-2004	Metcalfe, et al.	
	A159	US-2002/0070842	04-17-2003	Bailey, et al.	
	A160	US-2002/0108748	08-15-2002	Keyes	
	A161	US-2003/0029641	02-13-2003	Meehan	
	A162	US-2003/0056947	03-27-2003	Cameron	
	A163	US-2003/0164250	09-04-2003	Wardley	
	A164	US-2003/0164251	09-04-2003	Tulloch	
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	A166	US-2003/0213598	11-20-2003	Hughes	
	A167	US-2004/0003944	01-08-2004	Vincent, et al.	
	A168	US-2004/000405	01-01-2004	Fournier, Jr., et al.	
	A169	US-2004/0011534	01-22-2004	Simonds, et al.	
	A170	US-2004/0060697	04-01-2004	Tilton, et al.	
	A171	US-2004/0069500	04-15-2004	Haugen	
/TB/	A172	US-2004/0079533	04-29-2004	Buytaert, et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Number-Kind Code <sup>2</sup> (if known)				
/TB/	B41	WO 98/11322	03-19-1998	Gjedbo		
	B42	WO 98/32948	07-30-1998	Pietras		
	B43	WO 99/35368	07-15-1999	Lohbeck, et al.		
	B44	WO 99/41485	08-19-1999	Pietras		
/TB/	B45	WO 99/58810	11-18-1999	Abrahamsen, et al.		

Examiner /Thomas Beach/ Date Considered 11/24/2007

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 10

of 12

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403
Customer No.	36735

Submission Date

January 12, 2005

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/TB/	A173	US-2004/0108142	06-10-2004	Vail, III	
	A174	US-2004/0112646	06-17-2004	Vail	
	A175	US-2004/0118613	06-24-2004	Vail	
	A176	US-2004/0123984	07-01-2004	Vail	
	A177	US-2004/0124015	07-01-2004	Vaile, et al.	
	A178	US-2004/0129456	07-08-2004	Vail	
	A179	US-2004/0140128	07-22-2004	Vail	
	A180	US-2004/0173358	09-09-2004	Haugen	
	A181	US-2004/0216925	11-04-2004	Metcalfe, et al.	
	A182	US-2004/0112646	06-17-2004	Vail	
/TB/	A183	US-Re 34,063	09-15-1992	Vincent, et al.	
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	A185	US-			
	A186	US-			
	A187	US-			
	A188	US-			
	A189	US-			
	A190	US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Number-Kind Code <sup>2</sup> (if known)				
/TB/	B46	FR 2741907	06-06-1997	Leighton		
	B47					
	B48					
	B49					
	B50					

Examiner	/Thomas Beach/	Date Considered	11/24/2007
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 11

of 12

Application Number

10/618,093

Filing Date

July 11, 2003

First Named Inventor

John Boyle

Group Art Unit

3672

Examiner Name

Unknown

Attorney Docket Number

WEAT/0403

Customer No.

36735

Submission Date

January 12, 2005

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/TB/		DETLEF HAHN, FRIEDHELM MAKOHL, and LARRY WATKINS, Casing-While Drilling System Reduces Hole Collapse Risks, Offshore, Pages 54, 56, and 59, February 1998	
		YAKOV A. GELFGAT, MIKHAIL Y. GELFGAT and YURI S. LOPATIN, Retractable Drill Bit Technology – Drilling Without Pulling Out Drillpipe, Advanced Drilling Solutions Lessons From the FSU; June 2003; Vol. 2, pps. 351-464	
		TOMMY WARREN, SPE, BRUCE HOUTCHENS, SPE, GARRET MADELL, SPE, Directional Drilling With Casing, SPE/IADC 79914, Tesco Corporation, SPE/IADC Drilling Conference 2003	
		LaFleur Petroleum Services, Inc., "Autoseal Circulating Head," Engineering Manufacturing, 1992, 11 Pages	
		Valves Wellhead Equipment Safety Systems, W-K-M Division, ACF Industries, Catalog 80, 1980, 5 Pages	
		Canrig Top Drive Drilling Systems, Harts Petroleum Engineer International, February 1997, 2 Pages	
		The Original Portable Top Drive Drilling System, TESCO Drilling Technology, 1997	
		MIKE KILLEALEA, Portable Top Drives: What's Driving The Market?, IADC, Drilling Contractor, September 1994, 4 Pages	
/TB/		500 or 650 ECIS Top Drive, Advanced Permanent Magnet Motor Technology, TESCO Drilling Technology, April 1998, 2 Pages	

Examiner

/Thomas Beach/

Date Considered

11/24/2007

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Substitute for form 1449B/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Group Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403
Customer No.	36735
Submission Date	January 12, 2005

Sheet 12

of | 12

**Submission Date**

January 12, 2005

#### **NON-PATENT LITERATURE DOCUMENTS**

**Examiner**

/Thomas Beach/

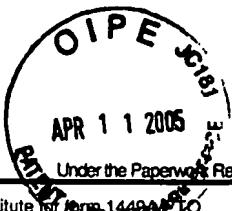
**Date Considered**

11/24/2007

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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of 2

1

Complete If Known	
Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403

U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature	/Thomas Beach/	Date Considered	11/24/2007
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Substitute for form 1449B/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	10/618,093
		<i>Filing Date</i>	July 11, 2003
		<i>First Named Inventor</i>	John Boyle
		<i>Art Unit</i>	3672
		<i>Examiner Name</i>	Unknown
		<i>Attorney Docket Number</i>	WEAT/0403
(Use as many sheets as necessary)			
Sheet	2	of	2

Examiner Signature	/Thomas Beach/	Date Considered	11/24/2007
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 2

**Complete If Known**

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Art Unit	3672
Examiner Name	Unknown
Attorney Docket Number	WEAT/0403

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/TB/		US-6,857,487	02-22-2005	Galloway	
		US-6,857,486	02-22-2005	Chitwood, et al.	
		US-6,854,533	02-15-2005	Galloway	
		US-6,848,517	02-01-2005	Wardley	
		US-6,840,322	01-11-2005	Haynes	
		US-6,752,211	06-22-2004	Dewey, et al.	
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		US-6,725,924	04-27-2004	Davidson, et al.	
		US-6,708,769	03-23-2004	Haugen, et al.	
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		US-6,536,522	03-25-2003	Birckhead, et al.	
		US-6,464,011	10-15-2002	Tubel	
		US-6,458,471	10-01-2002	Lovato, et al.	
		US-6,433,241	09-03-2002	Juhasz, et al.	
		US-6,378,633	04-30-2002	Moore	
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
/TB/		EP 0479583	04-08-1992	Gonzalez, et al.		
		EP 1148206	10-24-2001	Scott, et al.		
		GB 2381809	05-14-2003	Ohmer		
		GB 2347445	09-06-2000	Metcalfe, et al.		
		WO 99/24689	05-20-1999	Collins		
		WO 99/04135	01-28-1999	Collins		
		WO 97/05360	02-13-1997	Collins		
		WO 03/074836	09-12-2003	Philip		
/TB/						

Examiner Signature	/Thomas Beach/	Date Considered	11/24/2007
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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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of 2

<i>Complete If Known</i>	
<i>Application Number</i>	10/618,093
<i>Filing Date</i>	July 11, 2003
<i>First Named Inventor</i>	John Boyle
<i>Art Unit</i>	3672
<i>Examiner Name</i>	John Boyle
<i>Attorney Docket Number</i>	WEAT/0403

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/TB/		US-6,237,684	05-29-2001	Bouligny, Jr., et al.	
		US-6,217,258	04-17-2001	Yamamoto, et al.	
		US-6,012,529	01-11-2000	Mikolajczyk, et al.	
		US-5,878,815	03-09-1999	Collins	
		US-5,348,095	09-20-1994	Worrall, et al.	
		US-5,069,297	12-03-1991	Krueger	
		US-4,962,819	10-16-1990	Bailey, et al.	
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		US-2004-0216892	11-04-2004	Giroux, et al.	
/TB/		US-2004-0016575	01-29-2004	Shahin, et al.	

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature	/Thomas Beach/	Date Considered	11/24/2007
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Substitute for form 1449A/PTO

**Complete if Known**

Application Number	10/618,093
Filing Date	July 11, 2003
First Named Inventor	John Boyle
Art Unit	3672
Examiner Name	Unknown

Attorney Docket Number WEAT/0403

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1 of 6

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/TB/	A1	US - 6,837,313	01-04-2005	Hosie, et al.	
	A2	US - 6,832,658	12-21-2004	Keast	
	A3	US - 6,742,584	06-01-2004	Appleton	
	A4	US - 6,732,822	05-11-2004	Slack, et al.	
	A5	US - 6,719,071	04-13-2004	Moyes	
	A6	US - 6,715,430	04-08-2004	Choi, et al.	
	A7	US - 6,688,398	02-10-2004	Pietras	
	A8	US - 6,679,333	01-20-2004	York, et al.	
	A9	US - 6,637,526	10-28-2003	Juhasz, et al.	
	A10	US - 6,619,402	09-16-2003	Amory, et al.	
	A11	US - 6,527,493	03-04-2003	Kamphorst, et al.	
	A12	US - 6,595,288	07-22-2003	Mosing, et al.	
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	A17	US - 6,390,190	05-21-2002	Mullins	
	A18	US - 6,367,552	04-09-2002	Scott, et al.	
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	A20	US - 6,273,189	08-14-2001	Gissler, et al.	
	A21	US - 6,202,764	03-20-2001	Ables, et al.	
	A22	US - 6,179,055	01-30-2001	Sallwasser, et al.	
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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
				<i>Application Number</i>	10/618,093
				<i>Filing Date</i>	July 11, 2003
				<i>First Named Inventor</i>	John Boyle
				<i>Art Unit</i>	3672
				<i>Examiner Name</i>	Unknown
Sheet	2	of	6	<i>Attorney Docket Number</i>	WEAT/0403

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
/TB/	A25	US - 6,082,461	07-04-2000	Newman, et al.	
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	A27	US - 5,954,131	09-21-1999	Salwasser	
	A28	US - 5,842,149	11-24-1998	Harrell, et al.	
	A29	US - 5,823,284	10-20-1998	Ringgenberg	
	A30	US - 5,794,703	08-18-1998	Newman, et al.	
	A31	US - 5,772,514	06-30-1998	Moore	
	A32	US - 5,735,351	04-07-1998	Helms	
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				<i>Application Number</i>	10/618,093
				<i>Filing Date</i>	July 11, 2003
				<i>First Named Inventor</i>	John Boyle
				<i>Art Unit</i>	3672
				<i>Examiner Name</i>	Unknown
Sheet	3	of	6	<i>Attorney Docket Number</i>	WEAT/0403

<b>U.S. PATENT DOCUMENTS</b>					
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		Number - Kind Code <sup>2</sup> (if known)			
/TB/	A48	US - 4,904,119	02-27-1990	Legendre, et al.	
	A49	US - 4,883,125	11-28-1989	Wilson, et al.	
	A50	US - 4,821,814	04-18-1989	Willis, et al.	
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	A52	US - 4,744,426	05-17-1988	Reed	
	A53	US - 4,681,162	07-21-1987	Boyd	
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/TB/	A71	US - 1,998,833	04-23-1935	Crowell	

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				<i>Application Number</i>	10/618,093
				<i>Filing Date</i>	July 11, 2003
				<i>First Named Inventor</i>	John Boyle
				<i>Art Unit</i>	3672
				<i>Examiner Name</i>	Unknown
Sheet	4	of	6	<i>Attorney Docket Number</i>	WEAT/0403

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/TB/	A72	US - 1,830,625	11-03-1931	Schrock	
	A73	US - 1,825,026	09-29-1931	Thomas	
	A74	US - 1,777,592	10-07-1930	Thomas	
	A75	US - 1,728,136	09-10-1929	Power	
	A76	US - 1,585,069	05-18-1926	Youle	
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	A78	US - 1,418,766	08-06-1922	Wilson	
	A79	US - 1,077,772	11-04-1913	Weathersby	
	A80	US - 122,514	01-09-1872	Bullock	
	A81	US - 2005/0096846	05-05-2005	Koithan, et al.	
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	A83	US - 2004/0124010	07-01-2004	Galloway, et al.	
	A84	US - 2004/0118814	08-24-2004	Galloway, et al.	
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	A86	US - 2003/0173073	09-18-2003	Snider, et al.	
	A87	US - 2003/0164278	09-04-2003	Snider, et al.	
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	A89				
	A90				
	A91				
	A92				
	A93				
	A94				
	A95				

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				<i>Art Unit</i>	3672
				<i>Examiner Name</i>	Unknown
Sheet	5	of	6	<i>Attorney Docket Number</i>	WEAT/0403

<b>FOREIGN PATENT DOCUMENTS</b>							
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		Country Code <sup>3</sup> - Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
/TB/	B1	GB 2 389 130		12-03-2003	Baker Hughes Inc.		
	B2	GB 2 372 271		08-21-2002	Sharp		
	B3	GB 2 324 108		10-14-1998	Harden, et al.		
	B4	GB 2 170 528		08-06-1986	Seabourn		
	B5	GB 1 308 568		03-14-1973	Fox		
	B6	GB 2 386 626		09-24-2003	Smith, et al.		
	B7	GB 2 240 799		08-14-1991	Mine		
	B8	GB 2 223 253		04-04-1990	Arnold, et al.		
	B9	GB 2 345 074		06-28-2000	Pietras		
	B10	WO 2004/022903		03-18-2004	Robichaux, et al.		
	B11	WO 03/008790		01-23-2003	Coon, et al.		
	B12	WO 02/14649		02-21-2002	Hassen		
	B13	WO 00/41487		07-20-2000	Murray		
	B14	WO 00/09853		02-24-2000	Reynolds		
	B15	WO 00/04269		01-27-2000	Fincher, et al.		
/TB/	B16	WO 98/01651		01-15-1998			
	B17						
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	B19						
	B20						
	B21						
	B22						
	B23						

Examiner Signature	/Thomas Beach/	Date Considered	11/24/2007
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Substitute for form 1449A/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<i>Application Number</i>	10/618,093
				<i>Filing Date</i>	July 11, 2003
				<i>First Named Inventor</i>	John Boyle
				<i>Art Unit</i>	3672
				<i>Examiner Name</i>	Unknown
Sheet	6	of	6	<i>Attorney Docket Number</i>	WEAT/0403

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
/TB/	C1	ALEXANDER SAS-JAWORSKY and J. G. WILLIAMS, Development of Composite Coiled Tubing For Oilfield Services, SPE 26538, Society of Petroleum Engineers, Inc., 1993		
	C2	A. S. JAFAR, H.H. AL-ATTAR, AND I. S. EL-AGELI, Discussion and Comparison of Performance of Horizontal Wells in Bouri Field, SPE 26927, Society of Petroleum Engineers, Inc. 1996		
	C3	G. F. BOYKIN, The Role of A Worldwide Drilling Organization and the Road to the Future, SPE/IADC 37630, 1997		
	C4	M. S. FULLER, M. LITTLER, and I. POLLOCK, Innovative Way To Cement a Liner Utilizing a New Inner String Liner Cementing Process, 1998		
	C5	HELIO SANTOS, Consequences and Relevance of Drillstring Vibration on Wellbore Stability, SPE/IADC 52820, 1999		
	C6	CHAN L. DAIGLE, DONALD B. CAMPO, CAREY J. NAQUIN, RUDY CARDENAS, LEV M. RING, PATRICK L. YORK, Expandable Tubulars: Field Examples of Application in Well Construction and Remediation, SPE 62958, Society of Petroleum Engineers Inc., 2000		
	C7	C. LEE LOHOEFER, BEN MATHIS, DAVID BRISCO, KEVIN WADDELL, LEV RING, and PATRICK YORK, Expandable Liner Hanger Provides Cost-Effective Alternative Solution, IADC/SPE 59151, 2000		
	C8	KENNETH K. DUPAL, DONALD B. CAMPO, JOHN E. LOFTON, DON WEISINGER, R. LANCE COOK, MICHAEL D. BULLOCK, THOMAS P. GRANT, and PATRICK L. YORK, Solid Expandable Tubular Technology – A Year of Case Histories in the Drilling Environment, SPE/IADC 67770, 2001		
	C9	MIKE BULLOCK, TOM GRANT, RICK SIZEMORE, CHAN DAIGLE, and PAT YORK, Using Expandable Solid Tubulars To Solve Well Construction Challenges In Deep Waters And Maturing Properties, IPB 27500, Brazilian Petroleum Institute – IPB, 2000		
/TB/	C10	Coiled Tubing Handbook, World Oil, Gulf Publishing Company, 1993		
	C11			
	C12			

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